ALASKA

Science and Engineering Profile

	AK	U.S.	Rank		AK	U.S.	Rank
Doctoral scientists, 1995	1,174	453,928	49	Total R&D performance, 1995 (millions)	$163	$177,210	47
Doctoral engineers, 1995	149	86,738	49	Industry R&D, 1995 (millions)	$30	$130,332	46
S&E doctorates awarded, 1996	28	27,230	51	Academic R&D, 1995 (millions)	$72	$21,606	42
of which, in life sciences	46%	25%		of which, in environmental sciences	47%	6%	
in environmental sciences	25%	3%		in life sciences	24%	55%	
in physical sciences	14%	14%		in physical sciences	20%	10%	
S&E postdoctorates, 1995	4	35,379	52	Higher education current-fund			
in doctorate-granting institutions				expenditures, 1995 (millions)	$356	$182,602	50
S&E graduate students, 1995	600	436,328	52	Number of SBIR awards, 1990-1996	13	26,399	48
in doctorate-granting institutions				Patents issued to state residents, 1996	36	61,099	50
Population, 1996 (000s)	607	269,067	49	Gross state product, 1994 (billions)	$22.7	$6,876.0	47
Civilian labor force, 1996 (000s)	316	135,528	50	of which, agriculture	2%	2%	
Personal income per capita, 1996	$24,558	$24,231	20	manufacturing, mining, construction	28%	23%	
				transportation, communication, utilities	17%	9%	
Federal spending				wholesale and retail trade	10%	16%	
Total expenditures, 1996 (millions)	$4,341	$1,368,858	47	finance, insurance, real estate	11%	19%	
R&D obligations, 1995 (millions)	$97	$67,080	42	services	12%	20%	
				government	21%	13%	

Rankings and totals are based on data for the 50 states, D.C., and Puerto Rico.

Data on S&E postdoctorates and S&E graduate students include health fields.

Federal Obligations for Research and Development in Alaska by Agency and Performer: Fiscal Year 1995

[Thousands of Dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
Total, all agencies	96,915	60,545	0	8,729	24,411	635	2,595	42
Department of Agriculture	7,222	5,423	0	0	1,799	0	0	42
Department of Commerce	32,625	30,970	0	0	1,527	0	128	10
Department of Defense	10,451	1,495	0	7,544	1,412	0	0	44
Department of Energy	302	0	0	253	49	0	0	49
Dept. of Health & Human Services	2,793	446	0	80	1,886	100	281	49
Department of the Interior	24,531	22,211	0	226	1,727	0	367	4
Department of Transportation	1,219	0	0	0	0	0	1,219	43
Environmental Protection Agency	1,224	0	0	496	128	0	600	35
Nat'l Aeronautics & Space Admin.	8,606	0	0	0	8,606	0	0	29
National Science Foundation	7,942	0	0	130	7,277	535	0	42
State rank	42	28	na	44	44	50	30	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable

Prepared by the National Science Foundation/Division of Science Resources Studies. Data compiled from numerous sources.